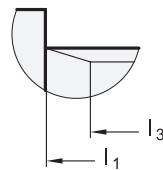
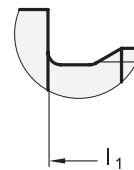


Detail Z; End of thread:

M4 / M5



M6 ... M12



Metric



SS

Stainless Steel

2 Form

ST Steel, standard spring load
NI Stainless Steel, standard spring load

Metric table



Dimensions in: millimeters - inches

d ₁ Thread	d ₂	d ₃	l ₁	l ₂	l ₃	w Compression	Spring load ≈	
							Initial	End
M 4	2.5 <i>0.10</i>	6 <i>0.24</i>	6.5 <i>0.26</i>	3 <i>0.12</i>	5 <i>0.20</i>	0.8 <i>0.03</i>	8 N <i>1.80 lbf</i>	14 N <i>3.15 lbf</i>
M 5	3 <i>0.12</i>	8 <i>0.31</i>	8.5 <i>0.33</i>	4 <i>0.16</i>	6.7 <i>0.26</i>	0.9 <i>0.04</i>	8 N <i>1.80 lbf</i>	14 N <i>3.15 lbf</i>
M 6	3.5 <i>0.14</i>	10 <i>0.39</i>	9 <i>0.35</i>	5 <i>0.20</i>	-	1 <i>0.04</i>	11 N <i>2.47 lbf</i>	18 N <i>4.05 lbf</i>
M 8	4.5 <i>0.18</i>	13 <i>0.51</i>	11 <i>0.43</i>	5.5 <i>0.22</i>	-	1.5 <i>0.06</i>	18 N <i>4.05 lbf</i>	31 N <i>6.97 lbf</i>
M 10	6 <i>0.24</i>	16 <i>0.63</i>	14 <i>0.55</i>	6 <i>0.24</i>	-	2 <i>0.08</i>	24 N <i>5.40 lbf</i>	45 N <i>10.12 lbf</i>
M 12	8 <i>0.31</i>	18 <i>0.71</i>	15 <i>0.59</i>	7 <i>0.28</i>	-	2.5 <i>0.10</i>	26 N <i>5.85 lbf</i>	49 N <i>11.02 lbf</i>

Specification

- Type ST
 - Housing
Steel, blackened finish
 - Ball
Steel, hardened
- Type NI
 - Housing
Stainless steel AISI 303
 - Ball
Stainless steel AISI 420C
Hardened
- Spring
Stainless steel
- *Stainless Steel Characteristics* → page 2143
- [RoHS compliant](#)

Information

GN 815 and ball plungers are used as stops as well as thrust elements or ejectors. The head gives a defined and fixed installation position.

How to order GN815-M8-ST	1 Thread d ₁
	2 Type